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Objectives:

- To understand the practical, daily workings of Logan's Willow Park Zoo, as well as the general cadence of animal life at the zoo.
- To create an informal educational module utilizing my research and experiences at the zoo.

What Did I Do?

- First, I assessed zoo exhibits and animal life, and I entered into the daily experiences common to zoo workers by helping as an intern.
- Second, I researched select zoo animals in depth at home.
- Finally, I created an informal educational module for children utilizing my research and hands-on zoo knowledge.



DAILY LIFE AT THE WILLOW PARK ZOO

**Top Left: Feeding Bobcats
Top Right: "Willow" the Albino Porcupine
Bottom Left: Parrot Meal Preparation
Bottom Right: With the "Feeder" Rats**

Educational Module Examples: Animal Story and Worksheet

Akiki & Kito

Silvery-Cheeked Hornbills

Akiki and Kito are Silvery-Cheeked Hornbills. They get their name from the silvery feathers on their heads and the big, hollow bump (called a "casque") on top of their bill. Casque means "helmet," and these birds certainly have one on their heads!

Most Silvery-Cheeked Hornbills live half-way around the world in East Africa forests, but Akiki and Kito live in Logan at the Willow Park Zoo. They live near the entrance and are some of the first birds you can see when you visit the zoo. Look for them next time you go!

Do you like to eat your vegetables? Akiki and Kito do! Silvery-Cheeked Hornbills eat a lot of veggies and fruit each day. Their big bills can eat larger things too, and sometimes Hornbills will even eat smaller birds or rodents.

Hornbills are loud, and Akiki and Kito like to squawk, sing, and even grunt. The hollow casques on their bills give their noises a richer sound. In addition to grunting, here is another fun fact: these birds actually have eyelashes to protect their eyes from the sun and dust!

Hornbills are big birds (up to 3 feet!) and they only lay 1-3 eggs in their nests. They will keep these eggs warm and cozy for 40 whole days. This is called "incubating" the eggs. When the baby Hornbills are born, the parents will spend about another 80 days with them. After this the Hornbills are grown up and ready to go!

When they are feeding their babies, Hornbills fill up a pouch in their bill known as a "gullet." They fill the pouch with half-eaten fish that can be fed to their little Hornbills.

Akiki and Kito came to Willow Park Zoo in July 2013. Hornbills often live for 50 years, so they should enjoy their Logan home for many years to come!



Check out this fun book full of information about jungle birds! See if you can find the Hornbills similar to Akiki and Kito. The book is available at the Logan Library.

Jungle Birds (by Anita Ganeri)

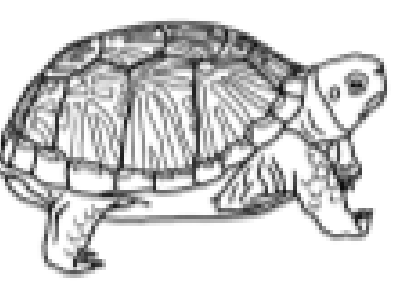
Created for the Willow Park Zoo by Michelle Shook (2013)

Tank

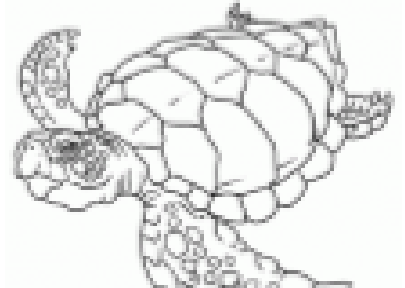
Spurred Tortoise

■ True or false? Tortoises can grow to be 200 pounds and 150 years old.

■ There are six items below. There are two groups of three items that are related. Match the two groups below.



Turtle




Tortoise

■ What does an "herbivore" eat?

■ What is one of Tank's next-door neighbors at the zoo? (Please come to the zoo to answer this question.)

Please read the information sheet about Tank and use the information to complete the worksheet. Check out the suggested library book. Then bring your completed worksheet to Willow Park Zoo for a prize!

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Educational Module Details:

- Animal story format with accompanying worksheet
- At-home worksheet/module to be utilized by parents.
- One module for each month the zoo is open.
- Printable modules published online for easy access by families.
- Coordinated with Logan Library to recommend further readings.
- Module worksheets include questions to be answered at zoo, encouraging zoo visits.
- Small prizes awarded at zoo for completed worksheets.

Modules:

Boa Constrictor, Lynx, Brown Capuchin Monkey, Emu, Grey-Crowned Cranes, Silvery-Cheeked Hornbills, American White Pelican, North American Porcupine, Spurred Tortoise